

OM nucleic - nucleic search, using sw model

Run on: August 6, 2006, 01:50:19 ; Search time 2221.5 Seconds  
 (without alignments)  
 16671.120 Million cell updates/sec

Title: US-10-757-343-3  
 Perfect score: 3014  
 Sequence: 1 ggcgggccgctctagactag.....ggatccgcggccgctctaga 3014

Scoring table: IDENTITY\_NUC  
 Gapop 10.0 , Gapext 1.0

Searched: 18892170 seqs, 6143817638 residues

Total number of hits satisfying chosen parameters: 37784340

Minimum DB seq length: 0  
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
 Maximum Match 100%  
 Listing first 45 summaries

Database : Published\_Applications\_NA\_Main:\*

- 1: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US07\_PUBCOMB.seq:\*
- 2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US08\_PUBCOMB.seq:\*
- 3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US09A\_PUBCOMB.seq:\*
- 4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US09B\_PUBCOMB.seq:\*
- 5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US09C\_PUBCOMB.seq:\*
- 6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10A\_PUBCOMB.seq:\*
- 7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10B\_PUBCOMB.seq:\*
- 8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10C\_PUBCOMB.seq:\*
- 9: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10D\_PUBCOMB.seq:\*
- 10: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10E\_PUBCOMB.seq:\*
- 11: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10F\_PUBCOMB.seq:\*
- 12: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10G\_PUBCOMB.seq:\*
- 13: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US11A\_PUBCOMB.seq:\*
- 14: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US11B\_PUBCOMB.seq:\*
- 15: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US11C\_PUBCOMB.seq:\*
- 16: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US11D\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	% Query		DB	ID	Description
		Match	Length			
1	3014	100.0	3014	8	US-10-757-343-3	Sequence 3, Appli

c	2	2841.6	94.3	3982	8	US-10-387-252-3	Sequence 3, Appli
c	3	2837.6	94.1	7002	8	US-10-688-299-51	Sequence 51, Appl
c	4	2837.6	94.1	7802	8	US-10-688-299-50	Sequence 50, Appl
c	5	2824.4	93.7	5742	8	US-10-688-299-47	Sequence 47, Appl
c	6	2817.6	93.5	7940	8	US-10-688-299-49	Sequence 49, Appl
c	7	2817.6	93.5	10769	8	US-10-688-299-46	Sequence 46, Appl
c	8	2759	91.5	5108	8	US-10-796-486-51	Sequence 51, Appl
c	9	2759	91.5	5108	8	US-10-796-486-52	Sequence 52, Appl
c	10	2759	91.5	5111	8	US-10-796-486-55	Sequence 55, Appl
c	11	2759	91.5	5185	8	US-10-796-486-47	Sequence 47, Appl
c	12	2759	91.5	5188	8	US-10-796-486-59	Sequence 59, Appl
c	13	2759	91.5	5254	8	US-10-796-486-60	Sequence 60, Appl
c	14	2677.4	88.8	4710	16	US-11-131-479-92	Sequence 92, Appl
c	15	2677.4	88.8	5398	16	US-11-131-479-91	Sequence 91, Appl
c	16	2677.4	88.8	5913	16	US-11-131-479-93	Sequence 93, Appl
c	17	2677.4	88.8	7765	16	US-11-131-479-110	Sequence 110, App
c	18	2677.4	88.8	7765	16	US-11-131-479-111	Sequence 111, App
c	19	2666	88.5	5302	10	US-10-401-386B-81	Sequence 81, Appl
c	20	2665.2	88.4	6978	3	US-09-872-733-15	Sequence 15, Appl
c	21	2665.2	88.4	6978	6	US-10-263-020-15	Sequence 15, Appl
c	22	2665.2	88.4	6978	8	US-10-644-027-15	Sequence 15, Appl
c	23	2665.2	88.4	6978	9	US-10-415-431-8	Sequence 8, Appli
c	24	2665.2	88.4	8366	3	US-09-872-733-6	Sequence 6, Appli
c	25	2665.2	88.4	8366	6	US-10-263-020-6	Sequence 6, Appli
c	26	2665.2	88.4	8366	8	US-10-644-027-6	Sequence 6, Appli
c	27	2662.2	88.3	5301	6	US-10-096-373-8	Sequence 8, Appli
c	28	2662.2	88.3	5316	6	US-10-096-373-11	Sequence 11, Appl
c	29	2436.2	80.8	4196	16	US-11-131-479-112	Sequence 112, App
c	30	2436.2	80.8	4473	16	US-11-131-479-103	Sequence 103, App
c	31	2436.2	80.8	5161	16	US-11-131-479-101	Sequence 101, App
c	32	2436.2	80.8	5549	8	US-10-359-120-80	Sequence 80, Appl
c	33	2436.2	80.8	5549	8	US-10-359-120-81	Sequence 81, Appl
c	34	2436.2	80.8	5549	8	US-10-359-120-82	Sequence 82, Appl
c	35	2436.2	80.8	5549	8	US-10-359-120-83	Sequence 83, Appl
c	36	2436.2	80.8	5684	16	US-11-131-479-102	Sequence 102, App
c	37	2436.2	80.8	6236	9	US-10-491-121-41	Sequence 41, Appl
c	38	2436.2	80.8	6254	16	US-11-131-479-89	Sequence 89, Appl
c	39	2436.2	80.8	6258	9	US-10-491-121-34	Sequence 34, Appl
c	40	2436.2	80.8	6322	9	US-10-491-121-39	Sequence 39, Appl
c	41	2436.2	80.8	6324	9	US-10-491-121-37	Sequence 37, Appl
c	42	2436.2	80.8	6324	9	US-10-491-121-40	Sequence 40, Appl
c	43	2436.2	80.8	6425	16	US-11-131-479-90	Sequence 90, Appl
c	44	2436.2	80.8	6438	8	US-10-359-120-157	Sequence 157, App
c	45	2436.2	80.8	6447	9	US-10-491-121-33	Sequence 33, Appl

#### ALIGNMENTS

##### RESULT 1

US-10-757-343-3

; Sequence 3, Application US/10757343

; Publication No. US20040158053A1

; GENERAL INFORMATION:

; APPLICANT: Lisziewicz, Julianna

; APPLICANT: Xu, Jianqing

; APPLICANT: Lori, Franco

OM nucleic - nucleic search, using sw model

Run on: August 6, 2006, 01:50:19 ; Search time 7163.5 Seconds  
 (without alignments)  
 16671.120 Million cell updates/sec

Title: US-10-757-343-2  
 Perfect score: 9719  
 Sequence: 1 tggaagggctaattcactcc.....gtggaaaatctctagcaggt 9719

Scoring table: IDENTITY\_NUC  
 Gapop 10.0 , Gapext 1.0

Searched: 18892170 seqs, 6143817638 residues

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- 2: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US08\_PUBCOMB.seq:\*
- 3: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US09A\_PUBCOMB.seq:\*
- 4: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US09B\_PUBCOMB.seq:\*
- 5: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US09C\_PUBCOMB.seq:\*
- 6: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10A\_PUBCOMB.seq:\*
- 7: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10B\_PUBCOMB.seq:\*
- 8: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10C\_PUBCOMB.seq:\*
- 9: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10D\_PUBCOMB.seq:\*
- 10: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10E\_PUBCOMB.seq:\*
- 11: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10F\_PUBCOMB.seq:\*
- 12: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US10G\_PUBCOMB.seq:\*
- 13: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US11A\_PUBCOMB.seq:\*
- 14: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US11B\_PUBCOMB.seq:\*
- 15: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US11C\_PUBCOMB.seq:\*
- 16: /EMC\_Celerra\_SIDS3/ptodata/2/pubpna/US11D\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	% Query		DB	ID	Description
		Match	Length			
1	9719	100.0	9719	8	US-10-757-343-1	Sequence 1, Appli

2	9719	100.0	9719	8	US-10-757-343-2	Sequence 2, Appli
3	9719	100.0	9719	8	US-10-757-343-4	Sequence 4, Appli
4	9531.2	98.1	9719	3	US-09-737-190A-1	Sequence 1, Appli
5	9531.2	98.1	9719	7	US-10-000-511A-1	Sequence 1, Appli
6	9531.2	98.1	9719	7	US-10-000-511A-2	Sequence 2, Appli
7	9531.2	98.1	9719	8	US-10-325-468-41	Sequence 41, Appl
8	9531.2	98.1	9719	13	US-11-042-988-10	Sequence 10, Appl
9	9433.8	97.1	9609	3	US-09-827-688-4	Sequence 4, Appli
10	9259.6	95.3	9965	8	US-10-469-199-3	Sequence 3, Appli
11	9208.4	94.7	14824	9	US-10-851-637-19	Sequence 19, Appl
12	9206.8	94.7	9709	8	US-10-325-468-43	Sequence 43, Appl
13	9206.8	94.7	9709	13	US-11-035-899-1	Sequence 1, Appli
14	9001.2	92.6	9181	9	US-10-475-024-14	Sequence 14, Appl
15	9001.2	92.6	9181	10	US-10-475-026-14	Sequence 14, Appl
16	8979.8	92.4	9193	9	US-10-494-161-14	Sequence 14, Appl
17	8940.8	92.0	9229	8	US-10-325-468-42	Sequence 42, Appl
18	8788.4	90.4	9715	8	US-10-325-468-44	Sequence 44, Appl
19	8738	89.9	9706	8	US-10-325-468-45	Sequence 45, Appl
20	8724	89.8	8933	3	US-09-943-286-3	Sequence 3, Appli
21	8724	89.8	8933	10	US-10-634-165-4	Sequence 4, Appli
22	8711.2	89.6	8933	3	US-09-943-286-4	Sequence 4, Appli
23	8706.4	89.6	8933	3	US-09-943-286-9	Sequence 9, Appli
24	8582.8	88.3	9737	3	US-09-827-688-12	Sequence 12, Appl
25	8509.2	87.6	9540	8	US-10-325-468-46	Sequence 46, Appl
26	8460.4	87.1	9704	8	US-10-325-468-40	Sequence 40, Appl
27	8046.4	82.8	12425	7	US-10-000-511A-33	Sequence 33, Appl
28	7889	81.2	9128	9	US-10-851-637-18	Sequence 18, Appl
29	7684	79.1	9718	2	US-08-319-974A-1	Sequence 1, Appli
30	7683.2	79.1	9942	8	US-10-325-468-1	Sequence 1, Appli
31	7683.2	79.1	9942	8	US-10-325-468-50	Sequence 50, Appl
32	7680	79.0	9942	8	US-10-325-468-7	Sequence 7, Appli
33	7680	79.0	9942	8	US-10-325-468-56	Sequence 56, Appl
34	7678.4	79.0	9942	8	US-10-325-468-2	Sequence 2, Appli
35	7678.4	79.0	9942	8	US-10-325-468-51	Sequence 51, Appl
36	7676.8	79.0	9942	8	US-10-325-468-3	Sequence 3, Appli
37	7676.8	79.0	9942	8	US-10-325-468-5	Sequence 5, Appli
38	7676.8	79.0	9942	8	US-10-325-468-52	Sequence 52, Appl
39	7676.8	79.0	9942	8	US-10-325-468-54	Sequence 54, Appl
40	7672	78.9	9942	8	US-10-325-468-6	Sequence 6, Appli
41	7672	78.9	9942	8	US-10-325-468-55	Sequence 55, Appl
42	7654	78.8	9960	8	US-10-325-468-4	Sequence 4, Appli
43	7654	78.8	9960	8	US-10-325-468-53	Sequence 53, Appl
44	7623	78.4	9176	8	US-10-325-468-48	Sequence 48, Appl
45	7536.2	77.5	9081	8	US-10-325-468-47	Sequence 47, Appl

#### ALIGNMENTS

#### RESULT 1

US-10-757-343-1

; Sequence 1, Application US/10757343

; Publication No. US20040158053A1

; GENERAL INFORMATION:

; APPLICANT: Lisziewicz, Julianna

; APPLICANT: Xu, Jianqing

; APPLICANT: Lori, Franco

OM nucleic - nucleic search, using sw model

Run on: August 6, 2006, 02:15:46 ; Search time 291.861 Seconds  
(without alignments)  
16356.020 Million cell updates/sec

Title: US-10-757-343-3  
Perfect score: 3014  
Sequence: 1 ggcgggccgctctagactag.....ggatccgcggccgctctaga 3014

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 2193277 seqs, 791917567 residues

Total number of hits satisfying chosen parameters: 4386554

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_NA\_New:\*  
1: /EMC\_Celerra\_SIDS3/ptodata/1/pubpna/US09\_NEW\_PUB.seq:\*  
2: /EMC\_Celerra\_SIDS3/ptodata/1/pubpna/US06\_NEW\_PUB.seq:\*  
3: /EMC\_Celerra\_SIDS3/ptodata/1/pubpna/US07\_NEW\_PUB.seq:\*  
4: /EMC\_Celerra\_SIDS3/ptodata/1/pubpna/US08\_NEW\_PUB.seq:\*  
5: /EMC\_Celerra\_SIDS3/ptodata/1/pubpna/PCT\_NEW\_PUB.seq:\*  
6: /EMC\_Celerra\_SIDS3/ptodata/1/pubpna/US10\_NEW\_PUB.seq:\*  
7: /EMC\_Celerra\_SIDS3/ptodata/1/pubpna/US11\_NEW\_PUB.seq:\*  
8: /EMC\_Celerra\_SIDS3/ptodata/1/pubpna/US11\_NEW\_PUB.seq1:\*  
9: /EMC\_Celerra\_SIDS3/ptodata/1/pubpna/US60\_NEW\_PUB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

		%					
Result			Query				
No.	Score	Match	Length	DB	ID	Description	
c	1	2436.2	80.8	6236	6	US-10-997-120-41	Sequence 41, Appl
c	2	2436.2	80.8	6258	6	US-10-997-120-34	Sequence 34, Appl
c	3	2436.2	80.8	6322	6	US-10-997-120-39	Sequence 39, Appl
c	4	2436.2	80.8	6324	6	US-10-997-120-37	Sequence 37, Appl
c	5	2436.2	80.8	6324	6	US-10-997-120-40	Sequence 40, Appl
c	6	2436.2	80.8	6447	6	US-10-997-120-33	Sequence 33, Appl
c	7	2436.2	80.8	6625	6	US-10-997-120-43	Sequence 43, Appl
c	8	2436.2	80.8	6868	6	US-10-997-120-38	Sequence 38, Appl

c	9	2436.2	80.8	6889	6	US-10-997-120-19	Sequence 19, Appl
c	10	2436.2	80.8	6902	6	US-10-997-120-42	Sequence 42, Appl
c	11	2436.2	80.8	6913	6	US-10-997-120-11	Sequence 11, Appl
c	12	2436.2	80.8	7005	6	US-10-997-120-31	Sequence 31, Appl
c	13	2436.2	80.8	7023	6	US-10-997-120-21	Sequence 21, Appl
c	14	2436.2	80.8	7036	6	US-10-997-120-17	Sequence 17, Appl
c	15	2436.2	80.8	7087	6	US-10-997-120-14	Sequence 14, Appl
c	16	2436.2	80.8	7188	6	US-10-997-120-2	Sequence 2, Appli
c	17	2436.2	80.8	7329	6	US-10-997-120-23	Sequence 23, Appl
c	18	2434	80.8	4867	7	US-11-345-127-16	Sequence 16, Appl
c	19	2434	80.8	4945	7	US-11-345-127-9	Sequence 9, Appli
c	20	2434	80.8	6467	6	US-10-997-120-10	Sequence 10, Appl
c	21	2434	80.8	6561	6	US-10-997-120-4	Sequence 4, Appli
c	22	2434	80.8	6624	6	US-10-997-120-3	Sequence 3, Appli
c	23	2434	80.8	6724	6	US-10-997-120-5	Sequence 5, Appli
c	24	2434	80.8	6885	6	US-10-997-120-18	Sequence 18, Appl
c	25	2434	80.8	6887	6	US-10-997-120-6	Sequence 6, Appli
c	26	2434	80.8	6914	6	US-10-997-120-9	Sequence 9, Appli
c	27	2434	80.8	6940	6	US-10-997-120-15	Sequence 15, Appl
c	28	2434	80.8	7002	6	US-10-997-120-16	Sequence 16, Appl
c	29	2434	80.8	7044	6	US-10-997-120-7	Sequence 7, Appli
c	30	2434	80.8	7082	6	US-10-997-120-13	Sequence 13, Appl
c	31	2434	80.8	7106	6	US-10-997-120-8	Sequence 8, Appli
c	32	2434	80.8	7154	6	US-10-997-120-1	Sequence 1, Appli
c	33	2434	80.8	7295	6	US-10-997-120-22	Sequence 22, Appl
c	34	2418.2	80.2	4864	7	US-11-345-127-15	Sequence 15, Appl
c	35	2418.2	80.2	4864	7	US-11-345-127-25	Sequence 25, Appl
c	36	2418.2	80.2	6148	6	US-10-997-120-24	Sequence 24, Appl
c	37	2418.2	80.2	7778	6	US-10-997-120-30	Sequence 30, Appl
	38	1312.4	43.5	3647	6	US-10-527-411-134	Sequence 134, App
	39	1312.4	43.5	4886	6	US-10-527-411-136	Sequence 136, App
	40	1312.4	43.5	5076	6	US-10-527-411-135	Sequence 135, App
c	41	1236.2	41.0	1738	8	US-11-263-496-12	Sequence 12, Appl
c	42	1212.2	40.2	1736	8	US-11-263-496-9	Sequence 9, Appli
	43	1192	39.5	3727	8	US-11-248-986-27	Sequence 27, Appl
	44	1192	39.5	4520	8	US-11-248-986-28	Sequence 28, Appl
c	45	1048.2	34.8	10937	7	US-11-253-200-178	Sequence 178, App

#### ALIGNMENTS

##### RESULT 1

US-10-997-120-41/c

; Sequence 41, Application US/10997120

; Publication No. US20060148087A1

; GENERAL INFORMATION:

; APPLICANT: NABEL, GARY

; APPLICANT: YANG, ZHI-YONG

; APPLICANT: SULLIVAN, NANCY

; APPLICANT: SANCHEZ, ANTHONY

; TITLE OF INVENTION: Development of a Preventive Vaccine for

; TITLE OF INVENTION: Filovirus Infection in Primates

; FILE REFERENCE: NIH221.001DV1

; CURRENT APPLICATION NUMBER: US/10/997,120

; CURRENT FILING DATE: 2004-11-24

; PRIOR APPLICATION NUMBER: US 10/491,121



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 9: /EMC\_Celerra\_SIDS3/ptodata/1/pubpna/US60\_NEW\_PUB.seq:\*

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2	3435.8	35.4	12225	8	US-11-238-155-1	Sequence 1, Appli
3	2638.8	27.2	3080	8	US-11-238-155-52	Sequence 52, Appl
4	2590	26.6	3068	8	US-11-238-155-51	Sequence 51, Appl
5	2571	26.5	2571	7	US-11-326-062-7	Sequence 7, Appli
6	2439.6	25.1	3083	8	US-11-238-155-61	Sequence 61, Appl
7	2389.2	24.6	3077	8	US-11-238-155-58	Sequence 58, Appl
8	2112.8	21.7	2545	7	US-11-326-062-3	Sequence 3, Appli

9	1838.6	18.9	2214	8	US-11-238-155-3	Sequence 3, Appli
10	1635.2	16.8	1929	8	US-11-261-390-12	Sequence 12, Appl
11	1554.4	16.0	1875	8	US-11-261-390-16	Sequence 16, Appl
12	1518.6	15.6	2214	8	US-11-238-155-54	Sequence 54, Appl
13	1518.2	15.6	2181	8	US-11-238-155-53	Sequence 53, Appl
14	1504.4	15.5	2265	8	US-11-238-155-55	Sequence 55, Appl
15	1501.4	15.4	1503	7	US-11-326-062-8	Sequence 8, Appli
16	1494.8	15.4	2577	7	US-11-345-127-1	Sequence 1, Appli
17	1494.8	15.4	2650	7	US-11-345-127-5	Sequence 5, Appli
18	1478.8	15.2	2577	7	US-11-345-127-3	Sequence 3, Appli
19	1478.8	15.2	2650	7	US-11-345-127-7	Sequence 7, Appli
20	1454.8	15.0	1605	7	US-11-326-062-4	Sequence 4, Appli
21	1420.8	14.6	2241	8	US-11-238-155-59	Sequence 59, Appl
22	1407.2	14.5	2226	8	US-11-238-155-62	Sequence 62, Appl
23	1388.6	14.3	2211	8	US-11-238-155-60	Sequence 60, Appl
24	1302.8	13.4	1738	8	US-11-261-390-14	Sequence 14, Appl
25	1079.4	11.1	1119	6	US-10-923-620-80	Sequence 80, Appl
26	1076	11.1	1116	6	US-10-923-620-9	Sequence 9, Appli
27	1075.8	11.1	1116	6	US-10-923-620-58	Sequence 58, Appl
28	1074.8	11.1	1116	6	US-10-923-620-16	Sequence 16, Appl
29	1073.6	11.0	1116	6	US-10-923-620-112	Sequence 112, App
30	1070	11.0	1116	6	US-10-923-620-110	Sequence 110, App
31	1069.2	11.0	1116	6	US-10-923-620-56	Sequence 56, Appl
32	1068	11.0	1116	6	US-10-923-620-6	Sequence 6, Appli
33	1067.6	11.0	1116	6	US-10-923-620-107	Sequence 107, App
34	1066.4	11.0	1116	6	US-10-923-620-87	Sequence 87, Appl
35	1065.6	11.0	1116	6	US-10-923-620-95	Sequence 95, Appl
36	1064.8	11.0	1116	6	US-10-923-620-22	Sequence 22, Appl
37	1064.4	11.0	1116	6	US-10-923-620-46	Sequence 46, Appl
38	1063.2	10.9	1115	6	US-10-923-620-98	Sequence 98, Appl
39	1062.8	10.9	1116	6	US-10-923-620-33	Sequence 33, Appl
40	1062.6	10.9	1115	6	US-10-923-620-99	Sequence 99, Appl
41	1062.2	10.9	1116	6	US-10-923-620-103	Sequence 103, App
42	1060.8	10.9	1116	6	US-10-923-620-15	Sequence 15, Appl
43	1060.6	10.9	1116	6	US-10-923-620-55	Sequence 55, Appl
44	1060.4	10.9	1116	6	US-10-923-620-8	Sequence 8, Appli
45	1060	10.9	1116	6	US-10-923-620-37	Sequence 37, Appl

#### ALIGNMENTS

##### RESULT 1

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